My Project

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Chapter 1

Assignment-3

Starter Code for Assignment 3

Hello there! - Obi Wan Kenobi

Chapter 2

File Index

2.1 File List

Here is a list of all documented files with brief descriptions:

hw_broken.cc 5

Chapter 3

File Documentation

3.1 hw_broken.cc File Reference

```
#include <iostream>
#include <cmath>
```

Functions

- double deviation (int *&a, int &n)

  This function calculates the standard deviation.

3.1.1 Function Documentation

3.1.1.1 deviation()

```
double deviation (
            int *& a,
            int & n )
```

This function calculates the standard deviation.

a	This is the dynamic array that stores the data set.
n	This is the size of the array.

Returns

This will return the standard deviation value as a double of the data set.

$\sigma_x = \sqrt{\frac{\sum_{n=1}^{k}(x_n - \bar{x})^2}{n}}$s